

ANTIBODIES FOR INHIBITING BLOOD COAGULATION AND METHODS OF USE THEREOF**Patent number:** JP2001516214T**Publication date:** 2001-09-25**Inventor:****Applicant:****Classification:**

- international: C12N15/09; A61K39/395; A61P7/02; A61P9/00; C07K16/28; C07K16/36; C07K16/46; C12N1/15; C12N1/19; C12N1/21; C12N5/10; C12N15/13; C12P21/08; C12Q1/68; A61K38/00; C12N15/09; A61K39/395; A61P7/00; A61P9/00; C07K16/18; C07K16/46; C12N1/15; C12N1/19; C12N1/21; C12N5/10; C12N15/13; C12P21/08; C12Q1/68; A61K38/00; (IPC1-7): C12N15/09; A61K39/395; A61P7/02; A61P9/00; C07K16/28; C07K16/46; C12N1/15; C12N1/19; C12N1/21; C12N5/10; C12P21/08; C12Q1/68

- european: C07K16/36; A61K39/395

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Abstract not available for JP2001516214T

Abstract of correspondent: **WO9840408**

The invention includes antibodies that provide superior anti-coagulant activity by binding native human TF with high affinity and specificity. Antibodies of the invention can effectively inhibit blood coagulation in vivo. Antibodies of the invention can bind native human TF, either alone or present in a TF: VIIa complex, effectively preventing factor X binding to TF or that complex, and thereby reducing blood coagulation. Preferred antibodies of the invention specifically bind a conformational epitope predominant to native human TF, which epitope provides an unexpectedly strong antibody binding site.

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